

Title (en)  
Video compression method and system

Title (de)  
Verfahren und System zur Videokompression

Title (fr)  
Procédé et système pour la compression vidéo

Publication  
**EP 0790741 A3 20000531 (EN)**

Application  
**EP 96307760 A 19961025**

Priority  
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• US 802995 P 19951027

Abstract (en)  
[origin: EP0790741A2] A video compression method and system including object-oriented compression plus error correction using decoder feedback. More particularly error correcting apparatus comprising a first decoder having a deinterleaver coupled to an output thereof. A second decoder coupled to the output of the deinterleaver and a memory coupled to the first decoder. A feedback device is coupled to the second decoder and the memory, and includes an output connected to the deinterleaver. The second decoder is capable of correcting errors in a codeword and correcting errors of related codewords in the memory. Constantly errors in the deinterleaver for codewords for the second decoder are corrected.  
<IMAGE> <IMAGE>

IPC 1-7  
**H04N 7/26**; **H04N 7/66**; **H03M 13/00**; **H04N 7/30**

IPC 8 full level  
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Citation (search report)  
• [X] US 4637021 A 19870113 - SHENTON DAVID N [US]  
• [A] GB 2079993 A 19820127 - SONY CORP  
• [A] CHENG P -Y ET AL: "MULTISCALE VIDEO COMPRESSION USING WAVELET TRANSFORM AND MOTION COMPENSATION", PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON IMAGE PROCESSING. (ICIP),US,LOS ALAMITOS, IEEE COMP. SOC. PRESS, 1995, pages 606 - 609, XP000624311, ISBN: 0-7803-3122-2  
• [A] CHANG S -F ET AL: "TRANSFORM CODING OF ARBITRARILY-SHAPED IMAGE SEGMENTS", PROCEEDINGS OF FIRST ACM INTERNATIONAL CONFERENCE ON MULTIMEDIA, 2-6 AUGUST 1993, ANAHEIM, CA, US,US,NEW YORK, NY, 2 August 1993 (1993-08-02), pages 83 - 90, XP000607524  
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